

Abstract

The present invention relates to a multi-channel variable optical attenuator, more particularly, which comprises a multilayer structure of a fiber optic module and an attenuating
5 module in order to enhance the integrity of the multi-channel variable optical attenuator. The multi-channel variable optical attenuator comprises at least two optical signal transmission lines which are arranged parallel with each other, and have associated separating spaces formed between input and output
10 terminals to adjust the power of an optical signal. A screen is placed in one of the separating spaces of the optical signal transmission lines, and movable in a direction crossing the optical signal transmission lines. A Micro Electro Mechanical System (MEMS) actuator is placed above one of the optical signal
15 transmission lines, and connected with the screen to shift the same. The MEMS actuator is placed above a first optical signal transmission line which is placed adjacent to a second optical signal transmission line for placing the screen therein.